

Table 1: SB 375 Base Year Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

		Metropolitan Planning Organization
		AMBAG
Base Year Scenario (2005)		
Total Weekday Vehicle Miles Traveled (000s)		16,076
SB 375 Weekday Vehicle Mile Traveled (000s)		16,076
Internal	I-I	8,703
Interregional	X-I, I-X	6,271
Through	X-X	1,102
Percentage of Total Vehicle Miles Travelled		100.0%
Caltrans HPMS Vehicle Miles Traveled Estimate*		16,968
Difference from Total MPO Estimate		(5.3%)
Weekday Carbon Dioxide (tons = 2000lbs)		-
Internal	I-I	
Interregional	X-I, I-X	
Through	X-X	
DOF Estimated Population		738,394
MPO Estimated Population (if avail)		740,048
Difference		0.2%
SB 375 Weekday Per Capita Carbon Dioxide (lbs)		-
Internal	I-I	-
Interegional	X-I, I-X	-
Through	X-X	-

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

Source:

HPMS: 2005 California Public Road Data. Table 6.
<<http://www.dot.ca.gov/hq/tsp/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls>

*** SACOG bases travel modeling on household transportation; group quartered population is not included. The above numbers reflect GHD from 11, and 50% of IX&XI within Fresno County. VMT of IX&XI from outside of Fresno County boundaries is yet to

Tons Conversion **2000**
Annualized Factor **347**

2005 Base Scenario

Table 2: SB 375 2020 Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Metropolitan Planning Organization	
AMBAG	
Bold=Normalized Auto Operating Cost Assumptions	
Base Year Scenario (2020)	
Total Weekday Vehicle Miles Traveled (000s)	N.A.
SB 375 Weekday Vehicle Mile Traveled (000s)	-
Internal I-I	
Interregional X-I, I-X	
Through X-X	
Percentage of Total Vehicle Miles Travelled	#VALUE!
Weekday Carbon Dioxide (tons = 2000lbs)	-
Internal I-I	
Interregional X-I, I-X	
Through X-X	
DOF Estimated Population	847,914
MPO Estimated Population (if avail)	
Difference	
SB 375 Weekday Per Capita Carbon Dioxide (lbs)	-
Internal I-I	-
Interegional X-I, I-X	-
Through X-X	-

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

Source:

HPMS: 2005 California Public Road Data. Table 6.
<<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year

*** SACOG bases travel modeling on household transportation; group quartered population is not included. The above numbers reflect GHD from 11, and 50% of IX&XI within Fresno County. VMT of IX&XI from outside of Fresno County boundaries is not included.

Tons Conversion
Annualized Factor

2000
347

Table 3: SB 375 2035 Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

		Metropolitan Planning Organization
Bold=Normalized Auto Operating Cost Assumptions		AMBAG
Base Year Scenario (2035)		
Total Weekday Vehicle Miles Traveled (000s)		25,679
SB 375 Weekday Vehicle Mile Traveled (000s)		25,679
Internal	I-I	12,173
Interregional	X-I, I-X	9,985
Through	X-X	3,521
Percentage of Total Vehicle Miles Travelled		100.0%
Weekday Carbon Dioxide (tons = 2000lbs)		-
Internal	I-I	
Interregional	X-I, I-X	
Through	X-X	
DOF Estimated Population		936,950
MPO Estimated Population (if avail)		920,713
Difference		(1.7%)
SB 375 Weekday Per Capita Carbon Dioxide (lbs)		-
Internal	I-I	-
Interegional	X-I, I-X	-
Through	X-X	-

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

Source:

HPMS: 2005 California Public Road Data. Table 6.
<<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year

*** SACOG bases travel modeling on household transportation; group quartered population is not included. The above numbers reflect GHD from 11, and 50% of IX&XI within Fresno County. VMT of IX&XI from outside of Fresno County boundaries is not included.

Tons Conversion
Annualized Factor

2000
347

YEAR: 2005

AMBAG	DOF	MPO
Monterey	420,832	422,632
San Benito	57,070	57,324
Santa Cruz	260,492	260,092
Total	738,394	740,048

Source:

State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls>

YEAR: 2020

AMBAG	DOF	MPO
Monterey	476,642	483,733
San Benito	83,792	76,140
Santa Cruz	287,480	280,493
Total	847,914	840,366

YEAR: 2035

AMBAG	DOF	MPO
Monterey	529,145	530,362
San Benito	103,340	94,731
Santa Cruz	304,465	295,621
Total	936,950	920,714

	AMBAG	
	HPMS	MPO (2005 Model)
Monterey	9,876	9228
San Benito	1,445	1555
Santa Cruz	5,648	5292
Total	16,968	16,075

Source:

State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
<<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-0>

	AMBAG	BOE
Monterey		184.49
San Benito		21.08
Santa Cruz		99.65
Total		305.22

Source:
 State of California, Department of Finance, California County Population
 Estimates and Components of Change by Year, July 1, 2000-2009.
 Sacramento, California, December 2009.
 <<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-0>